

FIG.1

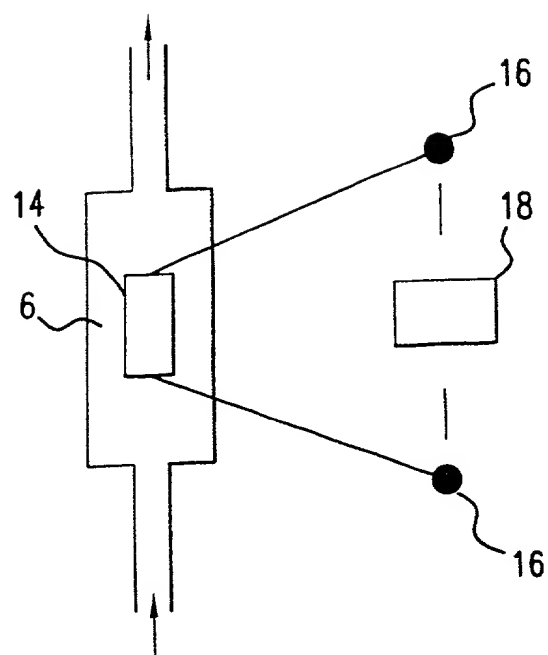


FIG.2

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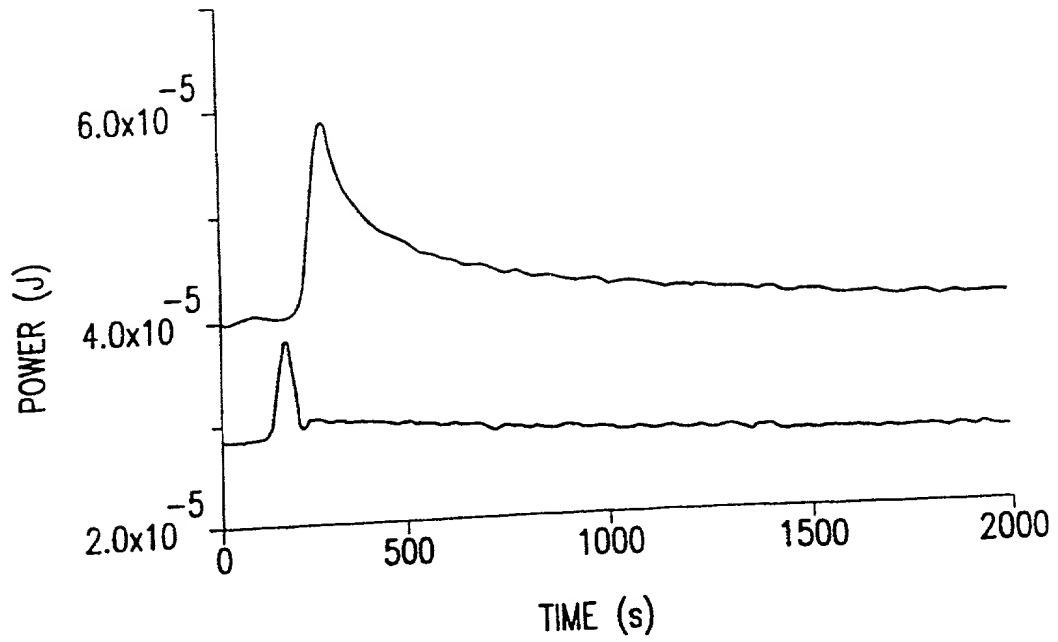


FIG.3

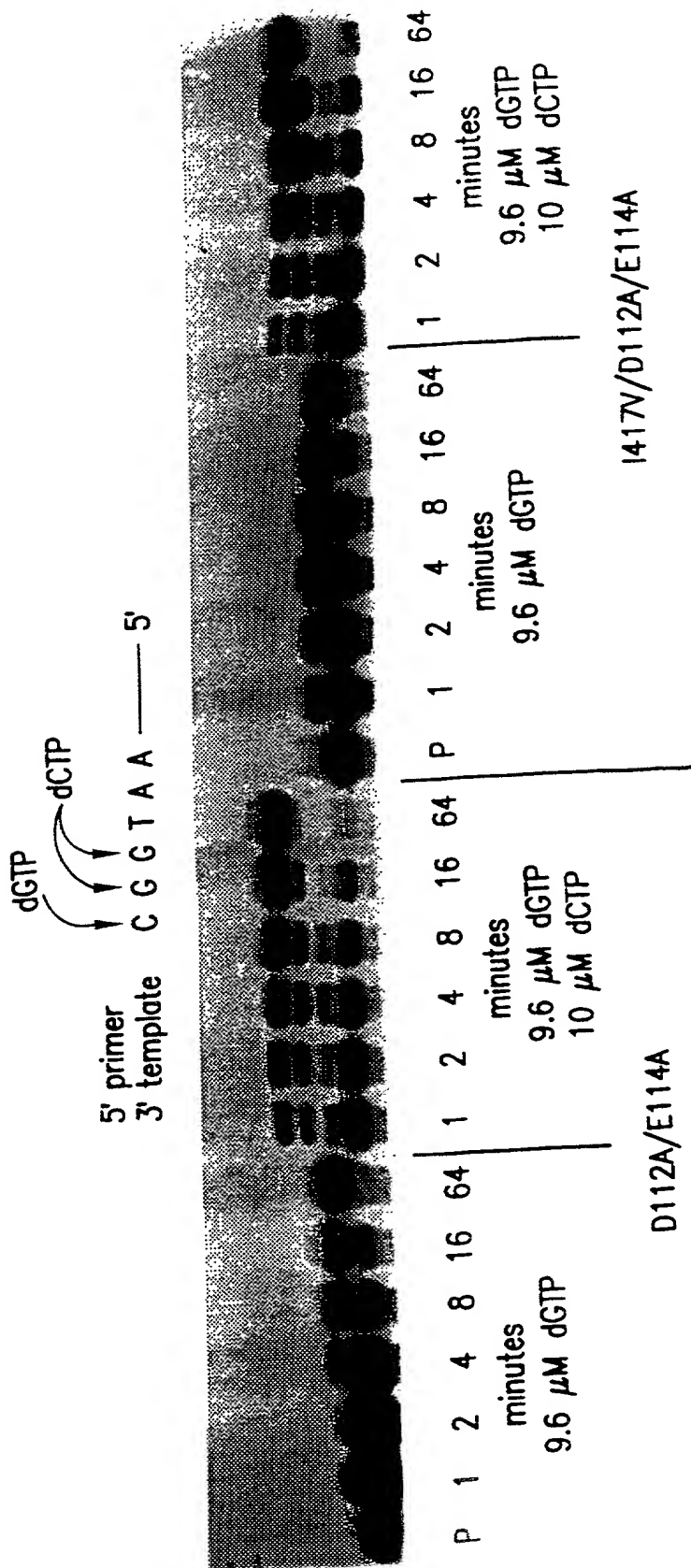


FIG.4

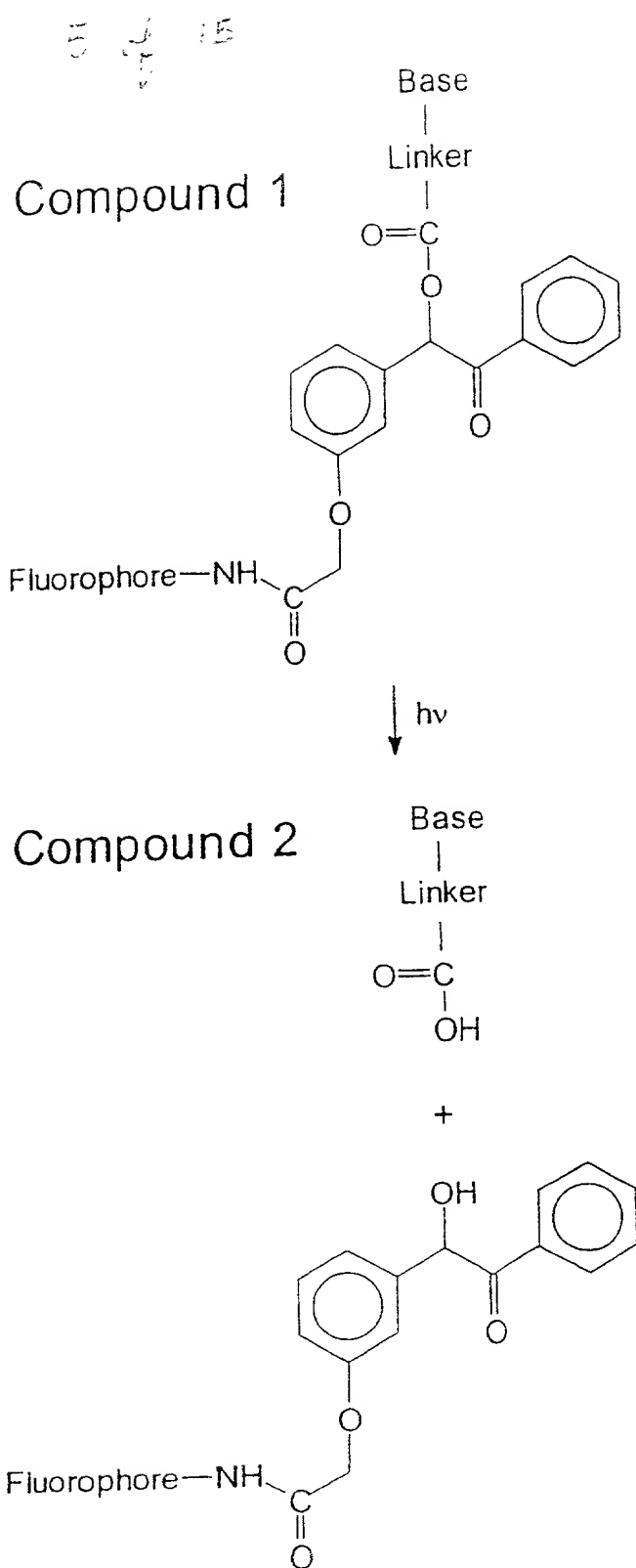
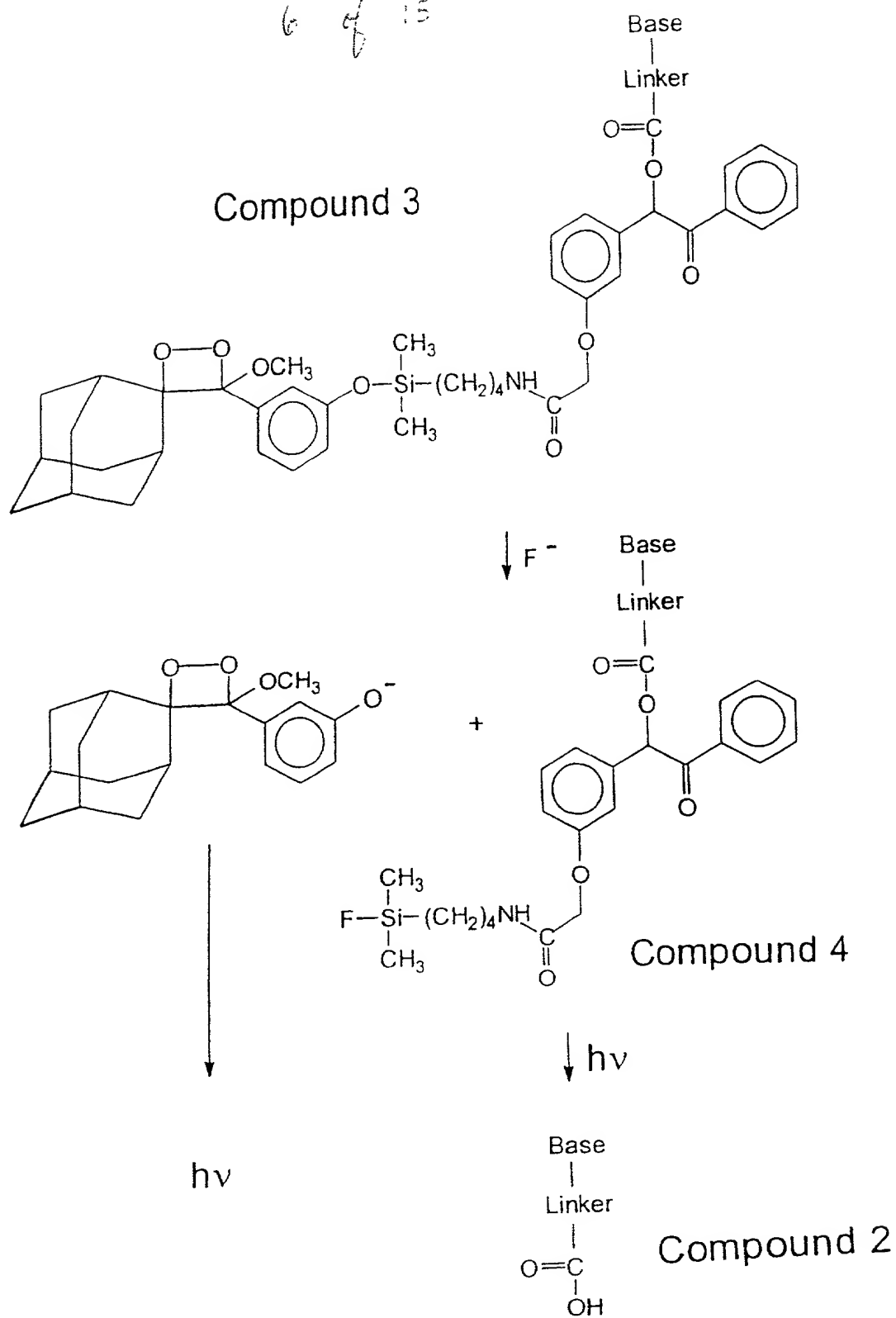
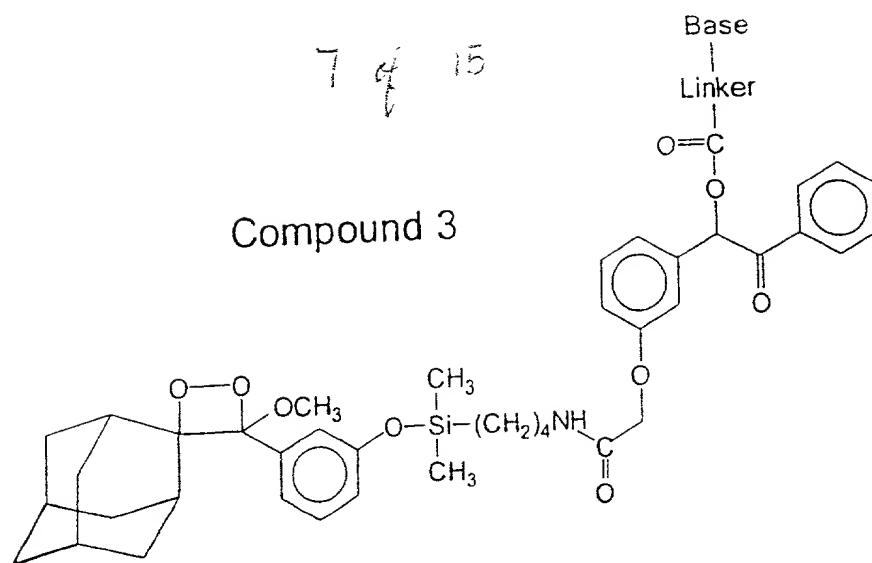


FIG.5



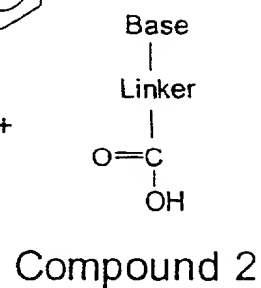
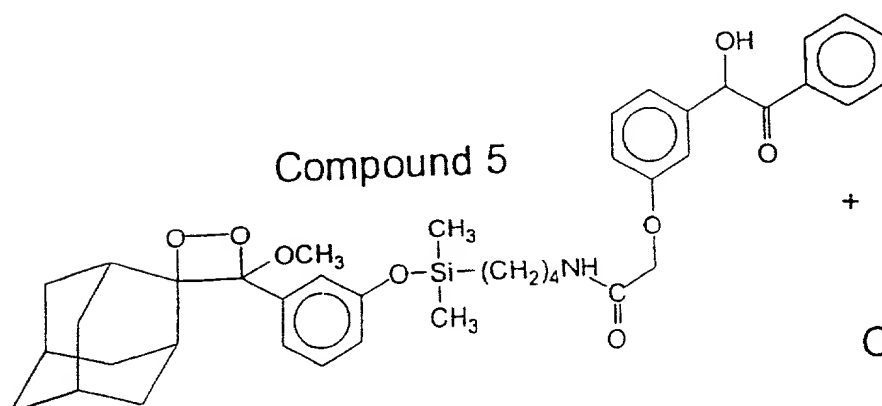
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Compound 3

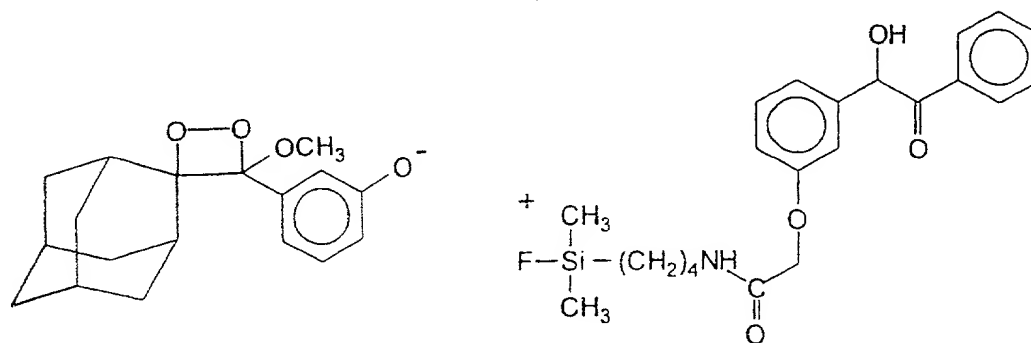


$h\nu$

Compound 5



$F^-$



$h\nu$

FIG. 7

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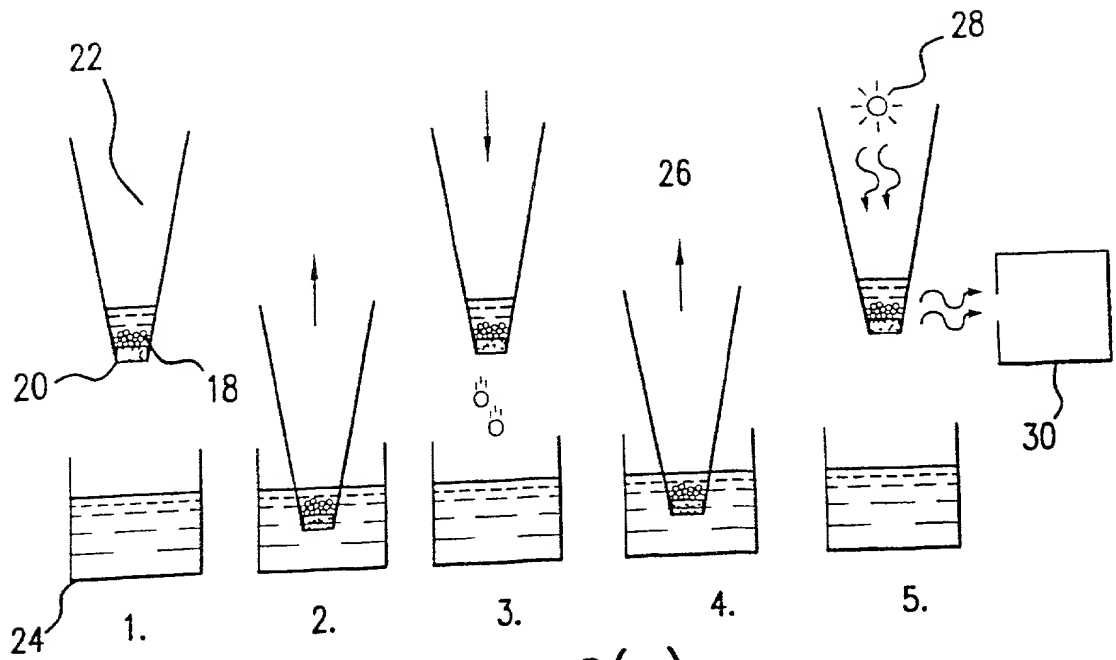


FIG. 8(a)

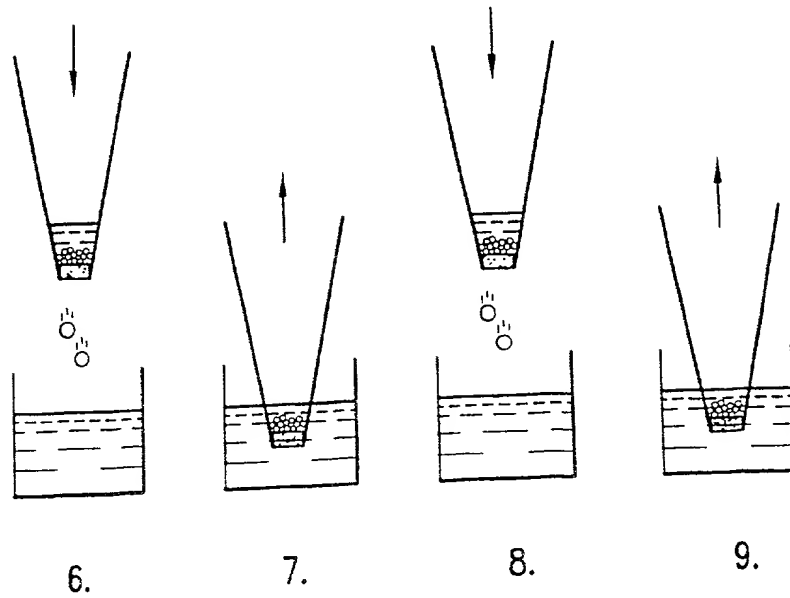


FIG. 8(b)

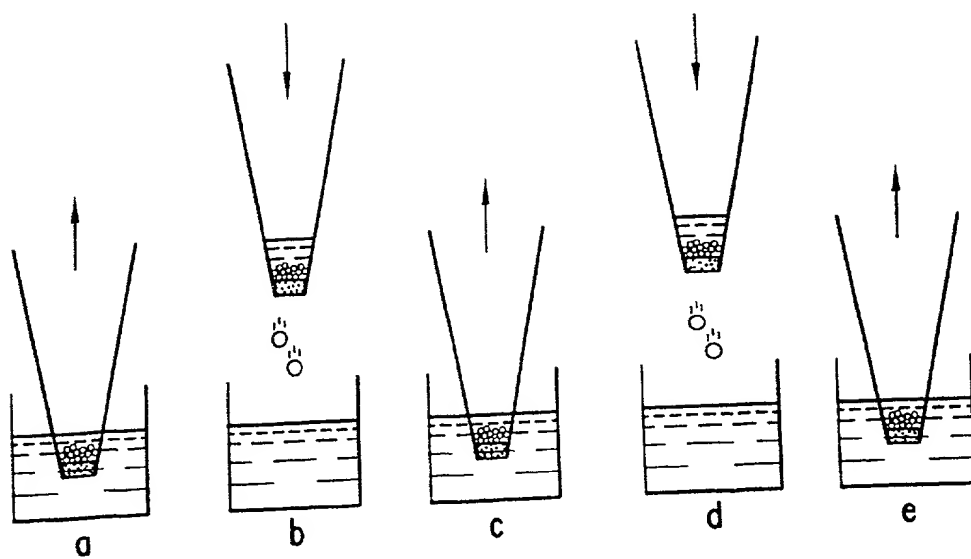


FIG.9

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MECHANISM OF PHOTOBLEACHING OF FLUORESCCEIN BY DPI  
(DIPHENYLIDONIUM ION)

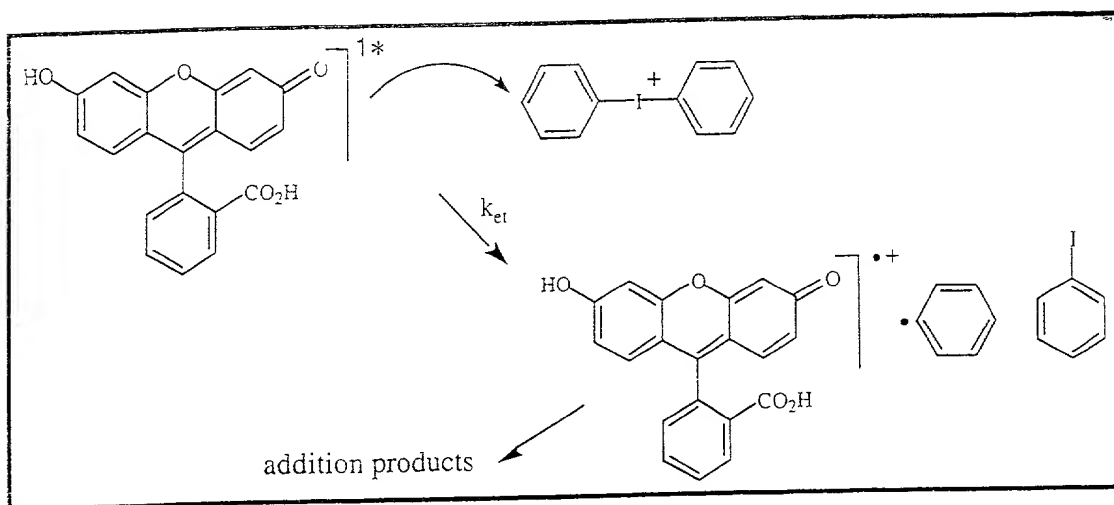
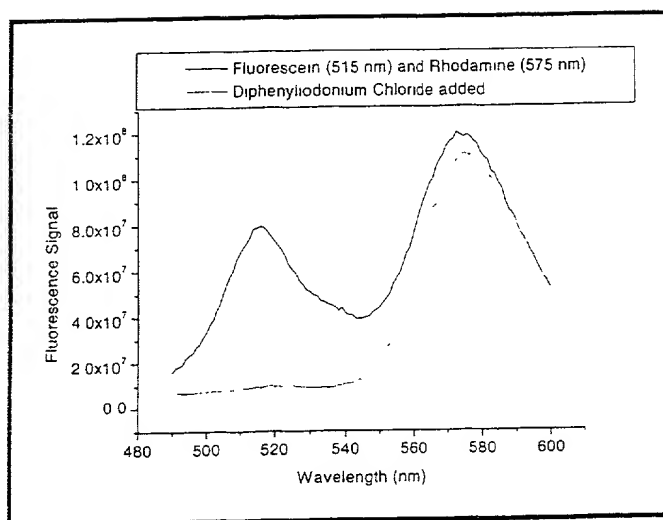


FIGURE 10

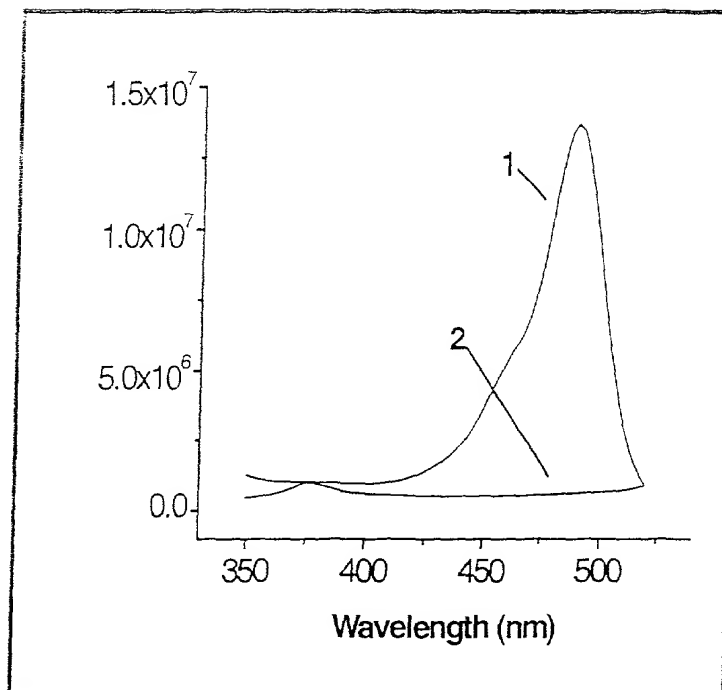
0944382-03201  
T02280-2884650

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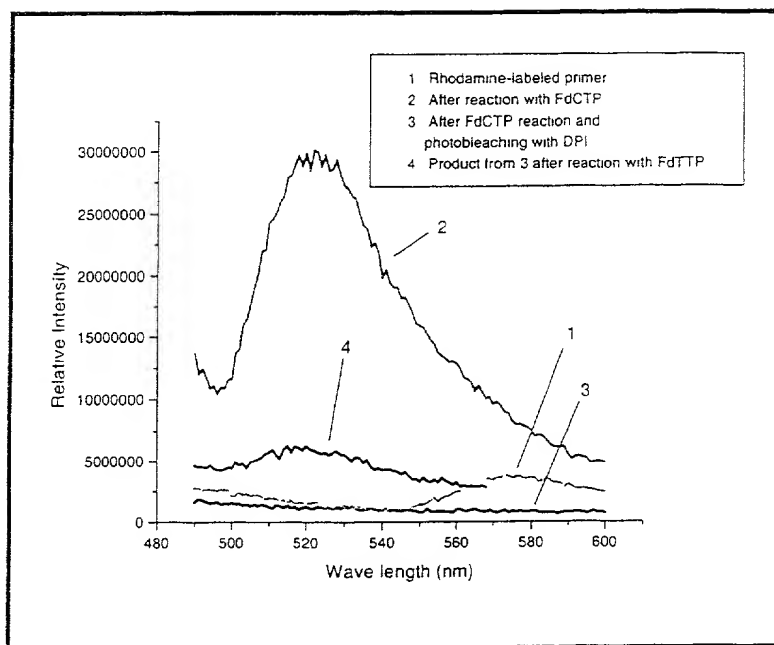
Fluorescence spectra of equimolar fluorescein and tetramethylrhodamine before and after addition of diphenyliodonium chloride

FIGURE 11



UV absorption spectra: (1) Fluorescein (2)  
Fluorescein + DPI after single flash from camera strobe

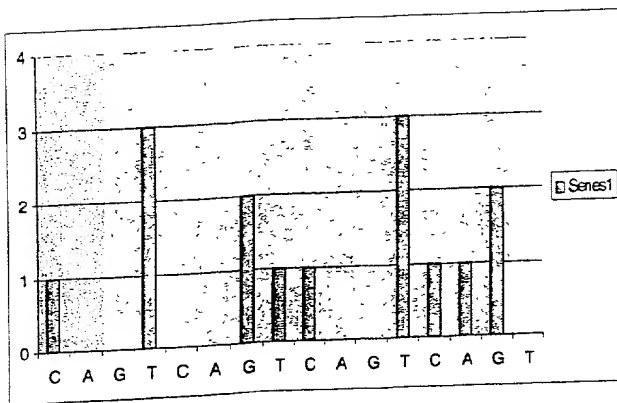
FIGURE 12



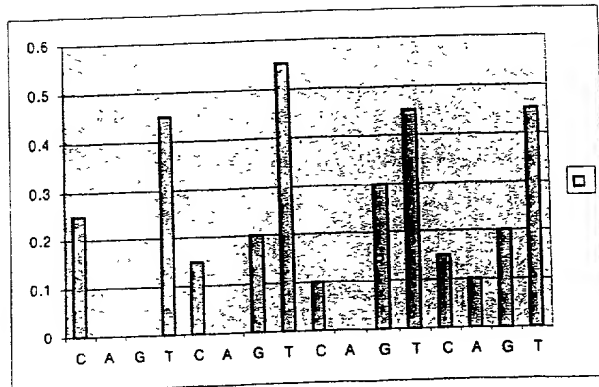
Results of single-nucleotide polymerase reaction with DPI photobleaching between incorporations

FIGURE 13

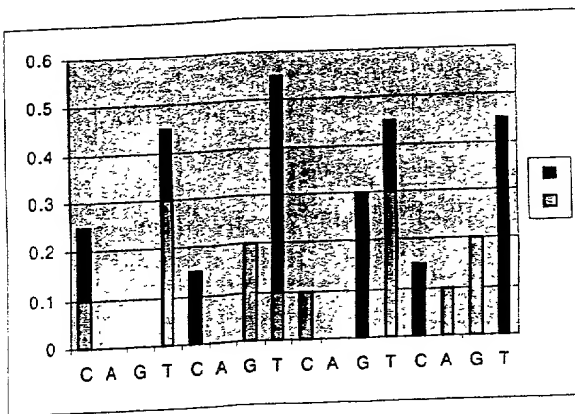
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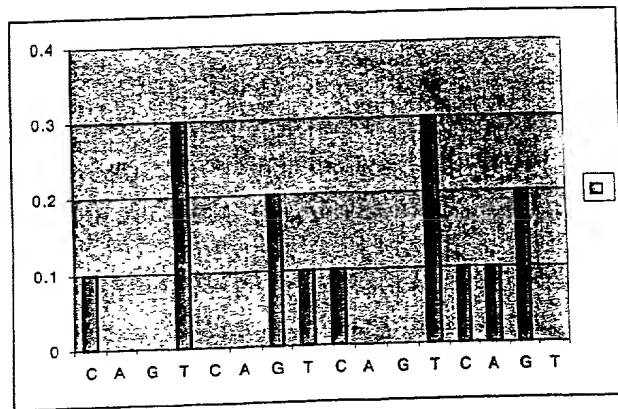
A



B



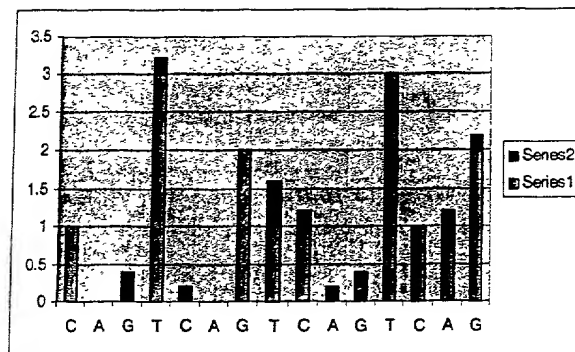
C



D

FIGURE 14

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Effect of a leading strand population  
on extension signals

FIGURE 15

00941222 032201